



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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08/813,247 03/07/97 AIDA

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TM11/1019

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AIR MAIL

EXAMINER

HONG, S

ART UNIT

PAPER NUMBER

2176

DATE MAILED: 10/19/00

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**

## Office Action Summary

Application No.

08/813,247

Applicant(s)

Aida

Examiner

Hong

Group Art Unit

2176

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

## Period for Response

A SHORTENED STATUTORY PERIOD FOR RESPONSE IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a response be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for response specified above is less than thirty (30) days, a response within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for response is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to respond within the set or extended period for response will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

## Status

- ☒ Responsive to communication(s) filed on 7-18-2000
- ☐ This action is FINAL.
- ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- ☒ Claim(s) 39-62 is/are pending in the application.
- Of the above claim(s) NONE is/are withdrawn from consideration.
- ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- ☒ Claim(s) 39-62 is/are rejected.
- ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- ☐ Claim(s) \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

- ☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.
- ☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119 (a)-(d)

- ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
  - ☒ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been received.
  - ☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.
  - ☐ received in this national stage application from the International Bureau (PCT Rule 1.7.2(a)).

\*Certified copies not received: \_\_\_\_\_

## Attachment(s)

- ☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_
- ☒ Notice of References Cited, PTO-892
- ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Interview Summary, PTO-413
- ☐ Notice of Informal Patent Application, PTO-152
- ☐ Other \_\_\_\_\_

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### **Part III DETAILED ACTION**

1. This action is responsive to communications: application, filed on 3/7/97, which is a continuation of 08/330,573, filed on 10/28/94.
2. Claims 39-62 are pending in the case. Claims 39, 50 and 62 are independent claims.

#### ***Priority***

3. Receipt is acknowledged of papers submitted under 35 U.S.C. § 119, which papers have been placed of record in the file.

#### ***Drawings***

4. This application has been filed with informal drawings which are acceptable for examination purposes only. Formal drawings will be required when the application is allowed.

#### ***Specification***

5. Examiner requests that Applicant review the application carefully for informalities including typographical errors and awkward languages that may resulted from translation.

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***Claim Rejections - 35 USC § 112***

6. Claims 39-61 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

As per independent claims 39 and 50, the claimed term “without a further special key depression” is indefinite, since it is unclear exactly what constitutes “a special key”.

Claims that are noted above as being rejected but not specifically cited below are rejected based on their dependency on rejected independent claims.

7. Claim 62 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite in that it fails to point out what is included or excluded by the claim language. This claim is an omnibus type claim.

***Claim Rejections - 35 USC § 102***

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

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9. Claims 39-44, 48-55, 59-61 are rejected under 35 U.S.C. 102(b) as being anticipated by O'Dell, U.S. Pat. No. 5,109,352, 4/92.

As per Claims 39-44, 48-55, 59-61, O'Dell discloses the claimed invention of:

entering and storing a plurality of lines of text and original words in a dictionary and replacing the entered lines of text with the unique line of text or the original word without using a special function key; identifying a plurality of lines of text with the same step, and determining the word; random access storing the plural lines of text and the unique line of text. Referring to O'Dell, O'Dell teaches a word processor to enter a plurality of lines of text (FIG.10). O'Dell stores the plurality of characters in a Chinese or Japanese (or European) character dictionary, and allows the user to enter the strokes (item 50 in FIG.10) . FIG.5 shows the plurality of lines of words with the same initial stems, giving the user the visual feedback of the strokes entered for the character input. The character is replaced with the original character without the use of a special function key (col.11, lines 12-20). Note that all data are stored in a random access fashion, since RAM is part of the storage in FIG.4.

***Claim Rejections - 35 USC § 103***

10. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a

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person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103<sup>o</sup> and potential 35 U.S.C. 102(f) or (g) prior art under 35 U.S.C. 103(a).

11. Claims 45-47 and 56-58 are rejected under 35 U.S.C. 103(a) as being unpatentable over .

Claims 45-47 and 56-58 recite substantially similar limitations as claims 39-44, 48-55, 59-61 and are similarly rejected. However, O'Dell does not explicitly teach the use of handwritten input. O'Dell uses the keyboard to represent the strokes for the characters (FIG.1E). Nevertheless, the use of hand writing input (e.g., using a stylus, tablet, pen) was extremely well known in the computer art at the time of the invention. Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to have envisage using O'Dell's system to take handwritten inputs, in order to accommodate the widely used pen-based computing systems.

### *Conclusion*

12. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

5,305,207     4/94     Chiu     707/535

5,468,077     11/95     Motokado et al.     400/26

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5,212,769 5/93 Pong 345/467

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steve Hong whose telephone number is (703) 308-5465. The examiner can normally be reached on Monday-Friday from 8:00 AM-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Razavi, can be reached on (703) 305-4713.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231


**or faxed to:**

(703) 308-9051, (for formal communications intended for entry)

**Or:**

(703) 305-9724 (for informal or draft communications, please label  
"PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).



Stephen Hong

Primary Examiner

October 17, 2000